

Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY DOCKET NO. DN1999119USA	SERIAL NO.
	APPLICANT (S) Mark Guy Trowbridge	
	FILING DATE May 28, 1999	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Sub-class	Filing Date if Appropriate
BAR	5 3 2 6 0 8 2	July 5, 1994	Eckman et al	267	64.27	
	5 5 3 5 9 9 4	July 16, 1996	Carl K Safreed, Jr	267	64.27	
	4 7 3 3 8 7 6	March 29, 1988	Dale J Heider et al	280/6		
	2 9 7 7 1 3 4	March 28, 1961	J Helling	280	124	
	3 7 9 0 1 4 7	February 5, 1974	R Owen	267	65 B	
BAR	5 4 6 7 9 7 1	November 21, 1995	Diane M Hurtubise et al	267	220	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Sub-Class	Translation YES NO
BAR	0 3 0 6 0 4 0	March 8, 1989	EPO	F16F	9/04	
	0 1 2 3 1 7 1	October 31, 1984	EPO	F16F	9/04	
	0 2 9 5 3 9 2	December 21, 1988	EPO	F16F	9/04	
BAR	0 5 9 0 3 1 7	April 6, 1994	EPO	F16B	21/06	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
	Patent Abstracts of Japan, vol 009, no 055 (M-362), 9 March 1985 & JP 59 190533 A (Sumitomo Denki Kogyo KK), 29 October 1984 abstract
EXAMINER	DATE CONSIDERED: 9/29/02

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BAP	3 7 7 7 8 4 3	Dec. 11, 1973	Fair et al.	181	.5 VM	10/18/71
	4 3 4 2 2 6 4	Aug 3, 1982	Hindin et al.	105	215 C	2/28/80
	4 7 1 8 6 5 0	Jan. 12, 1988	Geno	267	64.27	6/23/86
	4 7 8 7 6 0 7	Nov. 29, 1988	Geno et al	267	64.27	9/8/87
	4 8 5 2 8 6 1	Aug. 1, 1989	Harris	267	64.27	12/29/88
	4 9 4 6 1 4 4	Aug. 7, 1990	Geno et al.	267	64.27	3/30/89
	5 2 0 3 5 8 5	Apr. 20, 1993	Pierce	280	713	7/12/91
	5 2 6 9 4 9 6	Dec. 14, 1993	Schneider	267	64.27	12/11/92
	5 3 8 2 0 0 6	Jan. 17, 1995	Arnold	267	64.27	9/29/93
	5 4 0 3 0 3 1	Apr. 4, 1995/	Gottschalk et al.	280	704	12/8/93
BAP	5 4 6 4 2 4 5	Nov. 7, 1995	Vogler	280	720	8/8/94

FOREIGN PATENT DOCUMENTS

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